

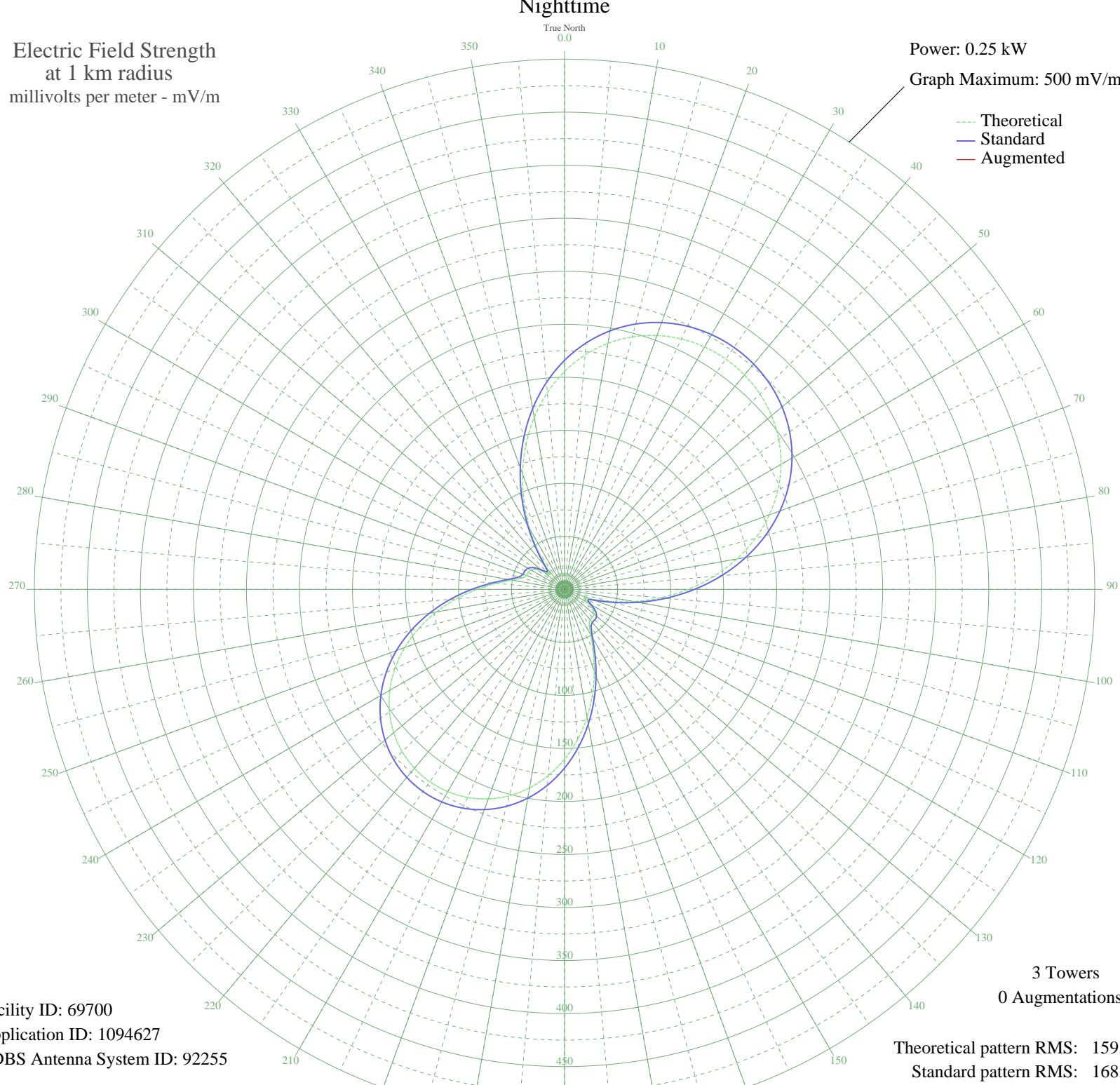
# WSPY MILLBROOK, IL BMJP-20051031ADG 1480 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.25 kW  
Graph Maximum: 500 mV/m

Theoretical  
Standard  
Augmented



Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	205.43	215.96	
5	221.90	233.23	
10	235.57	247.57	
15	246.49	259.03	
20	254.78	267.72	
25	260.56	273.79	
30	263.97	277.37	
35	265.10	278.56	
40	263.98	277.38	
45	260.58	273.81	
50	254.81	267.75	
55	246.54	259.08	
60	235.65	247.66	
65	222.02	233.36	
70	205.61	216.14	
75	186.49	196.10	
80	164.91	173.47	
85	141.29	148.73	
90	116.30	122.57	
95	90.84	95.96	
100	66.09	70.18	
105	43.66	47.03	
110	26.49	29.73	
115	20.59	24.04	
120	25.78	29.03	
125	32.28	35.49	
130	36.10	39.33	
135	37.16	40.41	
140	37.49	40.74	
145	40.61	43.91	
150	49.42	52.94	
155	63.84	67.85	
160	82.00	86.73	
165	101.98	107.59	
170	122.33	128.88	
175	141.98	149.44	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

15 Apr 2006

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	160.13	168.47	
185	176.29	185.40	
190	190.12	199.90	
195	201.45	211.78	
200	210.24	221.00	
205	216.47	227.54	
210	220.20	231.45	
215	221.44	232.75	
220	220.22	231.47	
225	216.51	227.58	
230	210.30	221.06	
235	201.54	211.88	
240	190.25	200.04	
245	176.47	185.59	
250	160.38	168.73	
255	142.30	149.79	
260	122.76	129.32	
265	102.52	108.16	
270	82.68	87.45	
275	64.69	68.73	
280	50.43	53.98	
285	41.68	45.01	
290	38.45	41.72	
295	37.90	41.15	
300	36.57	39.81	
305	32.48	35.68	
310	25.56	28.82	
315	19.72	23.21	
320	25.35	28.61	
325	42.73	46.07	
330	65.34	69.40	
335	90.24	95.33	
340	115.81	122.06	
345	140.90	148.32	
350	164.60	173.15	
355	186.26	195.85	